

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Amended) [The molding composition of claim 2 wherein the carrier and tackifier component is] A molding composition consisting essentially of:
 - a. from 55 to 85 weight percent of thermoplastic polymer particles having a melt index less than 30 and a particle size no greater than about 40 mesh; and
 - b. from 15 to 45 weight percent of polyethylene having a density less than 0.9 grams/cubic centimeters.
4. (Amended) [The molding composition of claim 2 wherein the carrier and tackifier component includes] A molding composition consisting essentially of:
 - a. from 55 to 85 weight percent of thermoplastic polymer particles having a melt index less than 30 and a particle size no greater than about 40 mesh; and
 - b. from 15 to 45 weight percent of petroleum jelly.
5. (Amended) The molding composition of claim [1] 3 or 4 including from 5 to 10 weight percent of reinforcement fibers.

6. (Amended) The molding composition of claim [1] 3 or 4 wherein the carrier and tackifier component includes a low melting point hydrocarbon wax.

7. (Amended) The method of rotational molding wherein hollow-form plastic parts are formed by charging thermoplastic polymer particles to a rotational mold comprising at least two mold parts having sealing faces which mate together on a parting line to form a closed internal mold cavity, closing and heating the mold to the molding temperature of the polyolefin while rotating the mold about its major and minor axes for a time sufficient to form the molded part, cooling the mold to a demolding temperature, opening the mold and ejecting the molded part, the improvement which comprises:

applying [the molding composition of claim 1] on a selected internal area of the mold parts at a temperature from 90 to 190 degrees F. prior to closing and heating the mold, a molding composition consisting essentially of: from 55 to 85 weight percent of thermoplastic polymer particles having a melt index less than 30 and a particle size no greater than about 40 mesh; and a carrier and binder component selected from the group consisting of petroleum jelly, very low density polyolefins, hydrocarbon waxes, hydrocarbon tackifiers and mixtures thereof in an amount from 15 to 45 weight percent of the composition.

8. (Original) The method of claim 7 wherein a plug of the molding composition is applied to a selected wall area of the mold and the plug cures into an integral, interior boss on the molded part during the heating and rotating of the mold.

9. (Original) The method of claim 7 wherein a bead of the molding composition is applied to a selected wall area of the mold and the bead cures into an integral, interior rib on the molded part during the heating and rotating of the mold.

10. (Original) The method of claim 7 wherein the mold has at least one recess in its wall and the molding composition is applied to fill the recess and cures into an integral, exterior protrusion on the molded part.

11. (Original) The method of claim 7 wherein the molding composition is formed into a solid preform and the solid preform is applied to a selected interior surface of the mold.

12. (Original) The method of claim 11 including the step of applying a pressure sensitive adhesive to the selected interior surface of the mold to immobilize the preform on the wall of the mold during the heating and rotating of the mold.

13. (Amended) The method of rotational molding wherein hollow-form plastic parts are formed by charging thermoplastic polymer particles to a rotational mold comprising at least two mold parts having sealing faces which mate together on a parting line to form a closed internal mold cavity, closing and heating the mold to the molding temperature of the polyolefin while rotating the mold about its major and minor axes for a time sufficient to form the molded part, cooling the mold to a demolding temperature, opening the mold and ejecting the molded part and wherein the sealing faces of the mold mate with a separation gap along at least a portion of their sealing faces, the improvement which comprises:

applying [the molding composition of claim 1] to said portion of the sealing faces of said mold parts prior to closing and heating the mold, a molding composition consisting essentially of: from 55 to 85 weight percent of thermoplastic polymer particles having a melt index less than 30 and a particle size no greater than about 40 mesh; and a carrier and binder component selected from the group consisting of petroleum jelly, very low density polyolefins, hydrocarbon waxes, hydrocarbon tackifiers and mixtures thereof in an amount from 15 to 45 weight percent of the composition to close said gap when said mold is closed.

14. (new) The method of repairing a structural void in a rotationally molded part having an open area in the wall thereof which comprises:
- a. applying a plug of a molding composition to said wall to close said open area, said molding composition consisting essentially of: from 55 to 85 weight percent of thermoplastic polymer particles having a melt index less than 30 and a particle size no greater than about 40 mesh; and a carrier and binder component selected from the group consisting of petroleum jelly, very low density polyolefins, hydrocarbon waxes, hydrocarbon tackifiers and mixtures thereof in an amount from 15 to 45 weight percent of the composition; and
 - b. heating said plug and the wall surrounding said plug to a temperature of about 350 degrees F. to fuse said plug of molding composition into the wall of said part.

15. (new) The method of claim 7, 13 or 14 wherein polyethylene having a density less than 0.9 grams/cubic centimeters is used as the carrier and binder

component of said molding composition.

16. (new) The method of claim 7,13 or 14 wherein petroleum jelly is included in the carrier and binder component of said molding composition.

17. (new) The method of claim 7,13 or 14 wherein reinforcement fibers are included in said molding composition in an amount from 5 to 10 weight percent of said composition.

18. (new) The method of claim 7, 13 or 14 wherein a low melting point hydrocarbon wax is included in the carrier and binder component of said molding composition.

19. (new) The method of claim 7, 13 or 14 wherein polyethylene having a density less than 0.9 grams/cubic centimeters is used as the carrier and binder component of said molding composition.

20. (new) The method of claim 16, 17, 18 or 19 wherein said thermoplastic polymer particles are high density polyethylene particles.

21. (new) The method of claim 16, 17, 18 or 19 wherein said thermoplastic polymer particles are ultra high density polyethylene particles.